2008 National Emissions Inventory

Emissions Inventory System Implementation Plan

Appendix 9
Preparing NMIM County Database Data for Export

Final

October 6, 2008

Table of Contents

Page

List of Figures

Page

Appendix 9
Preparing NMIM County Database Data for Export

This appendix provides instructions on how to export data and files for tools that provide activity data to the EIS. For further information on how to attach these files to your XML document, see Section 5, "Submitting XML Data to the EIS." For instructions on how to report onroad/nonroad activity data, see Section 9, "Reporting Instructions for Onroad and Nonroad Activity Data."

A9.1 Exporting NMIM County Database Data

The following instructions are provided for those users who intend to export NMIM activity data from MySQL tables to be processed for the calculation of emissions estimates.

The NMIM County Database (NCD) contains County-level parameters and values which the NMIM model uses to estimate onroad and nonroad emissions. The County-level database stored on the EIS is populated with EPA's default 2008 data. The EIS will receive updates to the NCD from State and Local agencies. Quality assurance checks are run against these submitted files, and the user is provided feedback.

Before submitting changes to the NCD data, you should review the default data in the NCD by querying and downloading the County tables and external files from the EIS website. Follow the procedures described below when making any necessary updates to the data. Data will only be accepted as CSV text files.

Using MySQL Query Browser, identify the tables listed in Figure A9-2 and follow the steps provided below:

(1) Open MySQL Query Browser.

(2) Specify the default schema as NCD2008NEI.

(3) Create a query in the MySQL query area to select the table records from the NCD2008NEI schema. A sample query is provided in figure A9-1 below.

Figure A9-1
Query for Extracting State or County Data

```
Syntax:  Select * from [table] where FIPSStateID = [code value] and FIPSCountyID = [code value]
Example:  Select * from baseyearvmt where FIPSStateID = '12' and FIPSCountyID = '001'
```

Send only your region's applicable data. This may be accomplished by specifying your FIPSStateID and, where applicable, your FIPSCountyID in the ***where*** clause of your query. You need only include a FIPSCountyID if you are exporting data for a single County. The list in

Figure A9-2 shows the actions you can perform on these tables. Depending on the table, you can either edit the data, append to the existing data, or do both.

Figure A9-2
List of Tables Eligible for Export

Table	Action Performed on Data
baseyearvmt	Append, Edit
county	Edit
countynrfile	Append
countyvmtmonthallocation	Append, Edit
countyyear	Edit
countyyearmonth	Edit
countyyearmonthhour	Append, Edit
diesel	Append
gasoline	Append
naturalgas	Append
state	Edit

(1) Run the query by selecting Execute from the MySQL Query Browser tool bar.

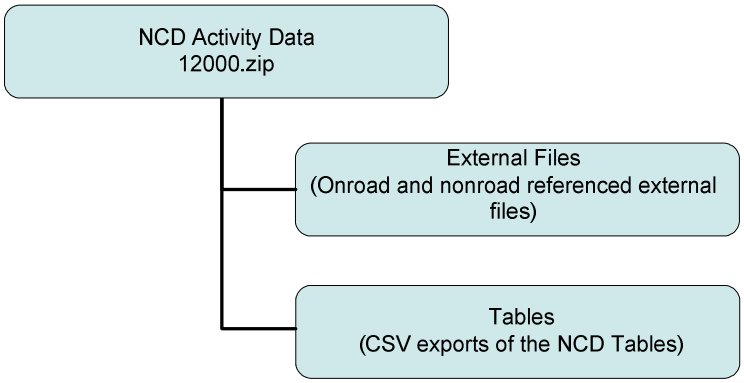
(2) Select File > Export Resultset > Export As CSV File.

(3) Select the location to save the file and specify the filename as [tablename] and concatenate the FIPSStateID. For example, a representative table name for California is: baseyearvmt06.

(4) Select Save.

Along with the exported MySQL tables, you should send any referenced files to the EIS. These files can be found in the External Files directory. You should place copies of any referenced files, whether or not they have changed, into an External Files directory along with the SQL export files in a Tables directory. Zip all these data into a package named after your FIPSStateID or your FIPSCountyID. These two files should be attached to the submission file as a binary object file. Figure A9-3 is a graphical representation of the data.

Figure A9-3
Example of Zip File Containing Referenced External Files and MySql Export Files



[This page intentionally left blank.]